



Education News

Volume 7, Issue 2

John C. Stennis Space Center

Nov./Dec. 2003

EDUCATION NOTES

Pre-K - 12

Educators, make your school a NASA Explorer School. Visit <http://explorerschools.nasa.gov> to find out how.

There are still openings for our Nov. 18 robotics workshop. Call 1-800-237-1821 (option 2) for details.

Visit <http://edspace.nasa.gov> to join the Educator Astronaut program's Earth Crew!

Higher Education

Check our Web site for information on higher education programs and grants: <http://education.ssc.nasa.gov>.

Application deadlines for NASA summer internships are quickly approaching. Visit our Web site at <http://education.ssc.nasa.gov> for more information.

Most of NASA's higher education internship opportunities offer stipends.

NASA Student Involvement Program competition deadlines approaching

There is still time to participate in the NASA Student Involvement Program (NSIP) competition. Students in grades K-12 can complete research projects in numerous categories linked to NASA's missions of exploration and discovery. Entries are judged at NASA centers across the country. High school winners win a trip to the NSIP National Symposium, hosted by a different NASA center each year.

Categories of the competition include My Planet, Earth; Science and Technology Journalism; Aerospace Technology Engineering Challenge; Design a Mission to Mars; Watching Earth Change and Space Flight Opportunities.

Entries for the Space Flight Opportunities category of the competition are due by Jan. 15, 2004; all other entries are due by Jan. 31, 2004.

Visit <http://www.nsip.net> for more information.



Join Earth Crew!



Join the Educator Astronaut Earth Crew

NASA wants you to become part of the team with the Educator Astronaut program's Earth Crew. As part of the Earth Crew team, you and your students can take part in NASA missions without ever leaving the ground!

As an Earth Crew member you will receive e-mail updates, participate in exciting activities and have the opportunity to make suggestions to NASA about future missions. To join the Earth Crew, visit <http://edspace.nasa.gov>.

Visit our Web site at <http://education.ssc.nasa.gov>



What's new in . . .

NASA's Educator Resource Center

To obtain these valuable NASA resources, contact the Educator Resource Center at 1-800-237-1821 (option 2), (228) 688-3338 or by e-mail at sherrill.reynolds@ssc.nasa.gov.

New Publications

Encourage your middle school students to learn more about the International Space Station (ISS) EarthKAM project with the new ISS EarthKAM bookmark. EarthKAM allows students to take photographs of the Earth by using the Internet to take control of a camera on board the ISS. The bookmark is available at <http://spacelink.nasa.gov>.

Technology education teachers – the International Space Station CAD Wallsheet is targeted for your classroom and can be used for a variety of activities. The wallsheet is available at <http://spacelink.nasa.gov>.

Program introduces high school students to NASA

NASA's Summer High School Apprenticeship and Research Program (SHARP) begins accepting applications in mid-November. Students accepted into the program will spend eight weeks conducting research at a NASA center.

For additional information and program requirements, visit <http://www.nasasharp.com> or contact Joy Smith at (228) 688-2118.

The deadline for applications is Feb. 9, 2004.



Once again this year, middle schools from across the country can apply to become NASA Explorer Schools. This unique opportunity partners schools with NASA centers to improve the educational structure of each school using NASA resources.

Schools chosen as Explorer Schools are eligible to receive a grant

for \$17,500 over a three-year period. This money may be used to purchase advanced technology for mathematics and science programs.

The deadline for applications is Jan. 30, 2004. Visit <http://explorerschools.nasa.gov> for more information about how to become a NASA Explorer School.

Win a NASA grant!

Get ready for Sun-Earth Day 2004...



Every year, the Stennis Space Center Educator Resource Center hosts Sun-Earth Day – a day full of fun and hands-on activities that celebrate the Earth's connection to the Sun.

This year, Sun-Earth Day will focus on Venus and its effect on Earth and the Sun. Keep your eyes open for information about another great Sun-Earth Day at Stennis Space Center!

For more information about Sun-Earth Day, visit http://sunearth.gsfc.nasa.gov/sunearth/day/2004/index_vthome.htm.

Visit our Web site at...

<http://education.ssc.nasa.gov>

...to inspire the next generation of explorers

3

Deadlines for Higher Ed programs

NASA offers a variety of unique internship and scholarship programs to college students. Check out these exciting NASA programs:

Women in Science & Engineering Scholars Program (WISE)
For more information, visit <http://www.spelman.edu/wise/>.

Ronald McNair Scholars/Project Strategic Preparedness in Advancing Careers in Engineering (SPACE)
For more information, visit <http://www.morehouse.edu/NASA/home.htm>.

Increase Minority Access to Graduate Engineering (IMAGE)
For more information, visit <http://www.famu.edu/acad/scholarships/programimage/scholarship.htm>.

National Action Council for Minority Engineers' Undergraduate Student Award for Research (NACME/USAR)
For more information, visit <http://nacme.org>.

(Please note – only students attending select colleges are eligible for the WISE, SPACE, IMAGE and NACME/USAR programs. Undergraduate scholarships and summer internships are available for participants in each of these programs, so high school students should consider applying for these scholarships by their junior or senior year.)

Achieving Competency in Careers in Engineering and Space Science (ACCESS)
ACCESS is an internship opportunity for students with disabilities. For more information, visit <http://ehrweb.aaas.org/entrypoint/index.html>.

Graduate Student Researchers Program (GSRP)
For more information, visit <http://education.nasa.gov/gsrp/index.html>.

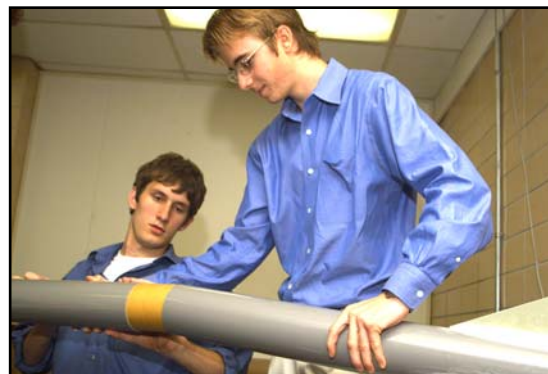
NASA Faculty Fellowship Program
For more information, visit <http://www.asee.org/NFFP>.

NASA Undergraduate Student Research Program (USRP)
For more information, visit <http://education.nasa.gov/usrp>.

(Please note – applications for scholarship and internship opportunities are usually due at the beginning of February.)



University students tour test stands at John C. Stennis Space Center.



High school and college students work on high-tech projects.



Summer faculty work on Space Shuttle engines tested at Stennis.



Education News

Nov./Dec. 2003

John C. Stennis Space Center

4

Visit

StenniSphere

Stennis Space Center's visitor center, StenniSphere, is a great resource for educators.

Exhibits engage students with hands-on experiments and highlight NASA history and technology.

A special exhibit celebrating 100 years of flight offers a unique opportunity to study with your students. The exhibit will be on display until January.

Book field trips for your class by calling (228) 688-2370 or 1-800-237-1821 or visiting <http://www.ssc.nasa.gov/public/visitors/schooltour/schtour.html>.

NASA Educator Resource Centers

NASA Educator Resource Centers (ERC) provide valuable classroom materials to educators. Materials highlighting NASA research and resources are available at NASA ERCs throughout the country.

To find out about NASA ERC materials and workshops, please contact your area ERC.

In Louisiana contact:

Louisiana Tech ERC
Ruston, LA
(318) 257-2866
<http://www.latech.edu/ideaplace/index.html>.

In Mississippi contact:

Sherrill Reynolds
Stennis Space Center ERC
Bldg. 1200
Stennis Space Center, MS 39529
(228) 688-3338 or 1-800-1821 (option 2)
sherrill.reynolds@ssc.nasa.gov

Tracey Hartness
ERC Choctaw Central Middle School
150 Recreation Rd.
Choctaw, MS 39350
(601) 656-0259
thartness@cts.bia.edu

Yvette Turner
Jackson State University ERC
P.O. Box 18829
Jackson, MS 39217
(601) 979-1177
yvette.turner@jsums.edu

Education News is published by the NASA John C. Stennis Space Center Office of External Affairs, Education Office. Michael Rudolphi is interim center director; Dr. Dewey Herring is manager of the NASA Office of External Affairs, Education Office.

Comments and suggestions should be forwarded to Building 1100, Room 209, Stennis Space Center, MS 39529, or call (228) 688-2313 or (228) 688-2091.

EDITOR
April Lollar

CONTRIBUTING WRITER
Glen Vanderbeek

CONTRIBUTING PHOTOGRAPHER
Mike Badon

GRAPHIC DESIGNER
Margie Monde

Visit the Stennis Space Center Education Office Web site at:
<http://education.ssc.nasa.gov>.



National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529
Bldg. 1100, Room 209
Official Business
Penalty for Private Use \$300

Attention: Please Route Among All Educators